

M48, Open Cluster (Hydra)

Continuing a series of photograph's of the Messier Objects.



By Jim Mazur - <http://www.skyledge.net/Messier48.htm>, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?curid=108284859>

Rugby & District Astronomical Society

www.rugbyastro.org.uk

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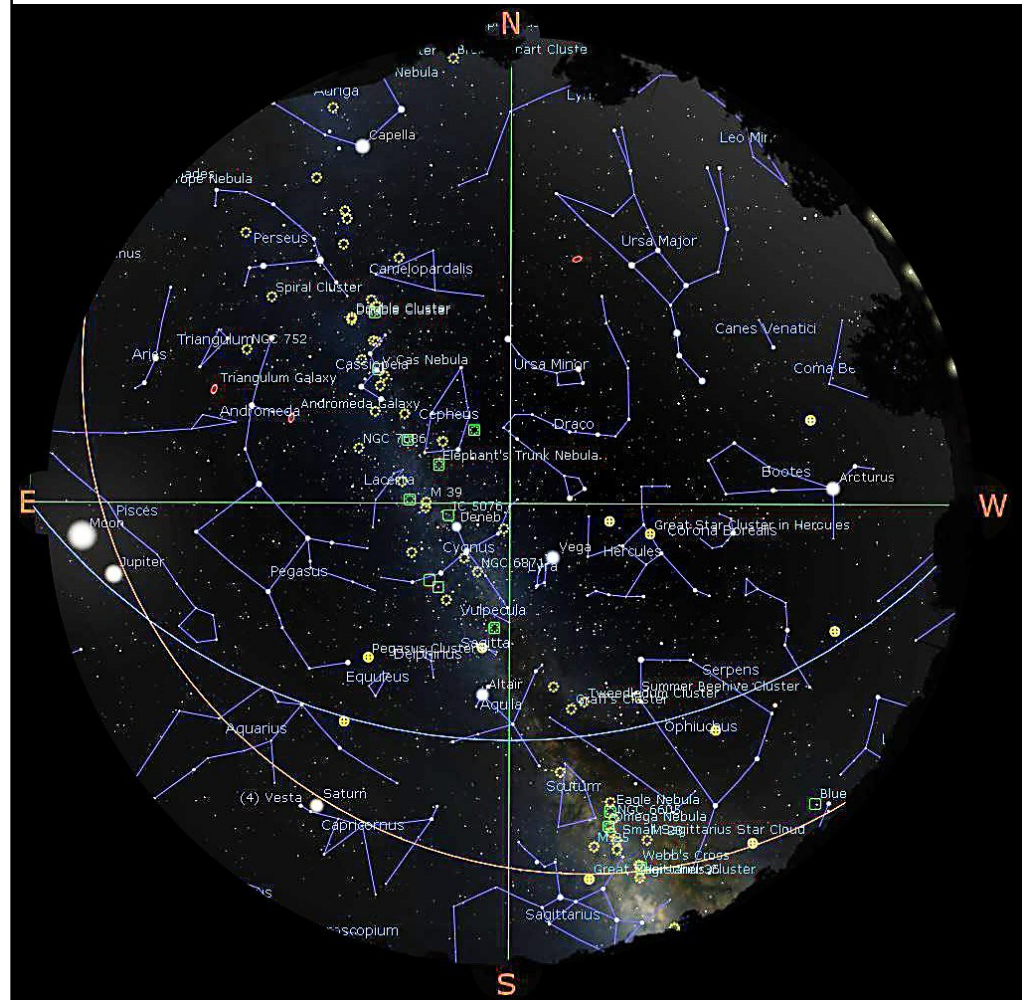
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Sky Notes






by Chris Longthorn

August 2022, no 152

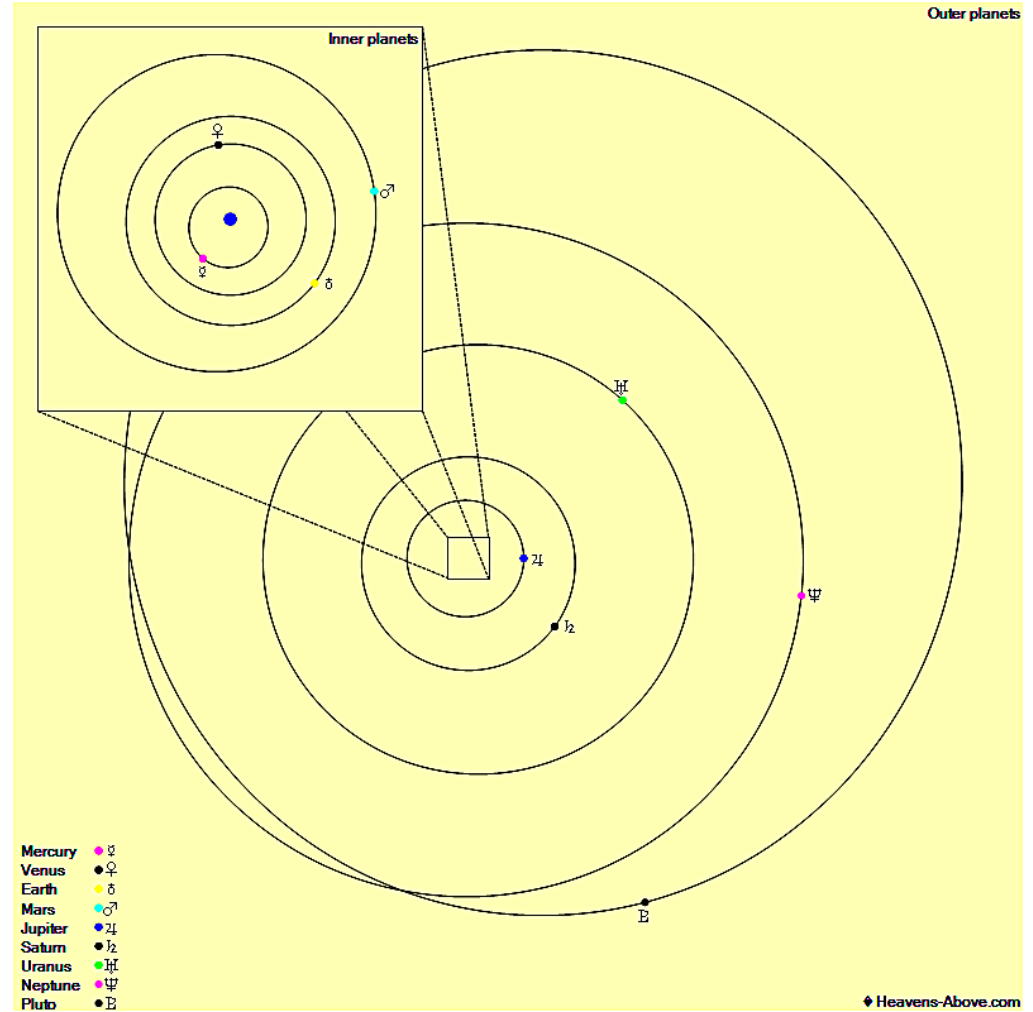


The night sky at 23:00 U.T.C., August 15th 2022

2022 August

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2	3	4	5  First Quarter 12:06	6
7	8	9	10	11	12  Full Moon 02:36 Moon-Saturn 04:55	13 Perseids 02:20
14 Saturn Opp 17:35	15 Moon-Jupiter 10:37	16	17 Venus-M44 17:02	18	19  Last Quarter 05:36 Moon-Pleiades 11:32 Moon-Mars 13:16	20 Mars-M45 09:36
21 Meeting, Church Lawford 19:30	22	23	24	25 Moon-Beehive 02:46 Moon-Venus 21:58	26	27  New Moon 09:17
28	29	30	31	1	2	3  First Quarter 19:08

The Planets, mid August



Mercury is in Leo with a magnitude of +0.0, a phase of 69%, and a diameter of 6". It rises at 07:13, transits at 13:42, and sets at 20:10. It is visible low in the west after sunset.

Venus is in Cancer with a magnitude of -3.9, a phase of 95%, and a diameter of 10". It rises at 03:02, transits at 10:58, and sets at 18:52. It is visible low in the east before sunrise.

Mars is in Taurus with a magnitude of +0.1, a phase of 85%, and a diameter of 9". It transits at 06:11, sets at 13:54, and rises again at 22:25. It is visible in the morning sky.

Jupiter is in Cetus with a magnitude of -2.8 and a diameter of 47". It transits at 03:04, sets at 09:16, and rises again at 20:47. It is visible in the morning sky.

Saturn is in Capricornus with a magnitude of +0.3 and a diameter of 19". It transits at 00:10, sets at 04:50, and rises again at 19:27. It is well placed for observation throughout the night.

Uranus is in Aries with a magnitude of +5.7 and a diameter of 4". It transits at 05:37, sets at 13:14, and rises again at 21:56. It is visible in the morning sky.

Neptune is in Pisces with a magnitude of +7.8 and a diameter of 2". It transits at 02:14, sets at 08:01, and rises again at 20:24. It is well placed for observation throughout the night.